*Date: User:

Wednesday, 6/6/2007 1:48:25 PM

Kim Johnston

Process Sheet

Customer

: CU-DAR001 Dart Helicopters Services

Job Number

: 32778

Estimate Number

: 11055

P.O. Number

: NIA-

: 6/6/2007 This Issue Prsht Rev.

: NC

S.O. No. : NIA

: NA : 29453

Type

: SMALL /MED FAB

Project Number

Drawing Revision Material

Part Number

Drawing Number

Drawing Name

Due Date

: D2884

D2884 REV B

: SADDLE SPACER

· N/A

:414:

: 6/20/2007

Qty:

40 Um:

Each

Written By

First Issue

Previous Run

Checked & Approved By

Comment

: Est A 99.10.12

New Issue EC Est Rev:B Now 6061-T6 06-06-23 JLM Est Rev:C Now on Waterjet 06-08-23 JLM

Additional Product

Job Number:



Seq. #:

Machine Or Operation:

Description:

6061-T6 .080 Sheet

1.0

Comment: Qty.: 0.0663 sf(s)/Unit Total: 2.6502 sf(s)

Material: 6061-T6 0.080" Thick

Batch M104392

2.0 WATER JET



Comment: FLOW WATER JET

1-Cut as per Dwg D2884

Dwg Rev: B Prog Rev: 13

m 07 06 10

2-Tumble , Deburr if necessary

3.0

QC2



Comment: INSPECT PARTS AS THEY COME OFF MACHINE

4.0 QC8

5.0



Comment: SECOND CHECK

SECOND CHECK





HAND FINISHING

HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1

Acid etch and Alodine as per QSI 005 4.1



Dart Aerospace Ltd

| W/O: | | WORK ORDER CHA | WORK ORDER CHANGES | | | | | | | | |
|---------|------|------------------------|--------------------|-------|------------|---------------------|---------------------------------------|--------------------------|--|--|--|
| DATE | STEP | PROCEDURE CHANGE | | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector | | | |
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| | | | | | | | | | | | |
| Part No | • | PAR #: Fault Category: | NCR | : Yes | No DQ | 1 : <u> </u> | | 7106129 | | | |
| | | | | QA: I | N/C Closed | i : | Date: | • | | | |

| NCR: | | | WORK ORDE | ER NON-CONFORMAN | CE (NCR) | | | | | | | |
|------|------|-------------------|----------------------|------------------------------|------------------|--------------|-----------------------|-------------------------|--|--|--|--|
| | | Description of NC | | Corrective Action Section E | . | Verification | Annroval | Approval | | | | |
| DATE | STEP | Section A | Initial Chief Eng | Action Description Chief Eng | Sign & Date | Section C | Approval Chief Eng | Approval QC Inspecto | | | | |
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NOTE: Date & initial all entries

Wednesday, 6/6/2007 1:48:25 PM Date: Kim Johnston User: **Process Sheet** Drawing Name: SADDLE SPACER Customer: CU-DAR001 Dart Helicopters Services Part Number: D2884 Job Number: 32778 Job Number: Description: Seq. #: **Machine Or Operation:** INSPECT POWDER COAT/CHEMICAL CONVERSION 6.0 QC3 Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION PACKAGING 1 PACKAGING RES Comment: PACKAGING RESOURCE #1 Identify and Stock Location: 8.0 QC21 Comment: FINAL INSPECTION/W/O RELEASE U Ando 29 Job Completion

| Dart | Δ۵ | rne | na | 2 | I td |
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| W/O: | | WORK ORDER | CHANGES | | | | |
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| DATE | STEP | PROCEDURE CHANGE | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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| Part No | : | PAR #: Fault Category: | NCR: Yes | No DQ | A: | Date: _ | |
| | | | QA: | N/C Close | ed: | _ Date: _ | |
| NOD. | | WORK ORDER NON-CON | FORMANCE (NC | R) | | | |

| NCR: | | | WORK ORD | ER NON-CONFORMAN | CE (NCR) | | | |
|------|------|-------------------|----------------------|------------------------------|----------------|--------------|-----------------------|-------------------------|
| | | Description of NC | | Corrective Action Section B | 3 | Verification | Annroyal | Annroyal |
| DATE | STEP | Section A | Initial Chief Eng | Action Description Chief Eng | Sign & Date | Section C | Approval Chief Eng | Approval QC Inspecto |
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NOTE: Date & initial all entries

| DART AEROSPACE LTD | Work Order: | 32778 |
|------------------------------|--------------|-------------|
| Description: Saddle Spacer | Part Number: | D2884 |
| Inspection Dwg: D2884 Rev: B | | Page 1 of 1 |

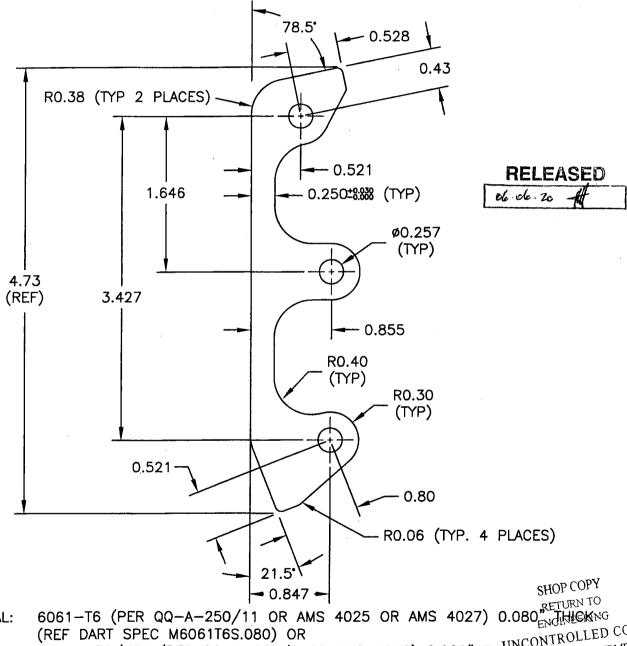
| | X | First Article | Pr | ototype | • | |
|----------------------|---------------|------------------|---------------------------------------|---------|----------------------|----------|
| Drawing Dimension | Tolerance | Actual Dimension | Accept | Reject | Method of Inspection | Comments |
| Ø0.257 | +0.006/-0.001 | 0.259 | | | VerN | |
| 0.43 | +/-0.030 | 0.425 | / | | Vers | |
| 1.646 | +/-0.010 | 1.641 | | | Hishof GUAS | L |
| 3.427 | +/-0.010 | 3.434 | / | | Weds | |
| 0.521 | +/-0.010 | 0.518 | | | H-G | <u> </u> |
| 0.250 | +0.030/-0.000 | 0.250 | V | | vers | |
| 4.73 | +/-0.030 | 4.724 | V | | vern | |
| 0.80 | +/-0.030 | 0.800 | / | | VERN | |
| 0.521 | +/-0.010 | 0.523 | | | Vern | |
| 0.855 | +/-0.010 | 0.856 | V | | VEN | |
| 0.847 | +/-0.010 | 0.848 | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | VLVN | • |
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| Date: 07 0h 10 Date: Otoxo12 Date | Measured by: | M. M | Audited by: | | Prototype Approval: | N/A |
|-----------------------------------|--------------|----------|-------------|--------|---------------------|-----|
| | Date: | 07 06 10 | Date: | 706.12 | Date: | N/A |

| Rev | Date | Change | Revised by | Approved |
|-----|----------|-----------|------------|----------|
| Α | 06.12.07 | New Issue | KJ/JLM | E |



DESIGN DRAWN BY DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. REV. B CHECKED APPROVED PH D2884 SHEET 1 OF 1 SCALE TITLE DATE 06.05.29 SADDLE SPACER 1:1 99.04.01 **NEW ISSUE** Α В 06.05.29 ADD 6061-T6 MATERIAL



NOTES: 1) MATERIAL:

5052-H32/H34 (PER QQ-A-250/8 OR AMS 4016) 0.080" THICK TO AMENDMENT (REF DART SPEC M5052H32S.080)

WORK ORDER

2) FINISH: ACID ETCH AND ALODINE PER DART QSI 005 4.1

3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

4) BREAK ALL SHARP EDGES 0.010 TO 0.020

ALL DIMENSIONS ARE IN INCHES

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